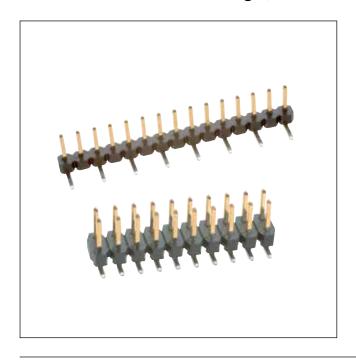
3M[™] Pin Strip Header

2 mm and 2 mm x 2 mm Straight, Surface Mount

951 Series



- High temperature dielectric
- "No lead" reflow solder compatible
- Optimizes use of PC board space
- End stackable feature
- Mates with boardmount and wiremount products
- RoHS Compliant. See the Regulatory Information Appendix (RIA) in the RoHS compliance section of www.3Mconnectors.com for compliance information (RIA E1 & C1 apply)

Date Modified: January 2, 2013

TS-2157-F Sheet 1 of 2

Physical

Insulation

Material: High Temperature Thermoplastic

Flammability: UL 94V-0 Color: Black

Contact

Material: Copper Alloy

Plating

Underplating: $1.25-2.5 \mu m [100 \mu'']$ Nickel

Wiping Area: Flash Gold

Solder Tail Area: 1–3 μm [40–118 μ"] Matte Tin

Current Rating: 1 A

Insulation Resistance: $> 5 \times 10^8 \text{ Ohm at } 100 \text{ V}_{DC}$

Withstanding Voltage: 1000 V_{DC} Transition Resistance: $\leq 20 \text{ mOhm}$

Environmental

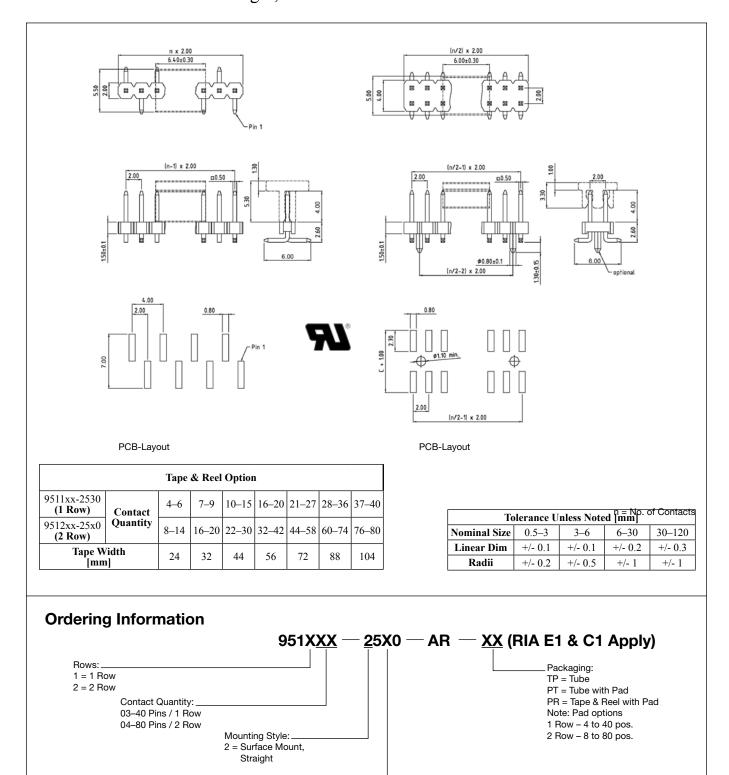
Temperature Range: -25 °C to +105 °C

Processing Temperature: max. 260 °C (Profile per J-STD-020C)

Moisture Sensitivity Level: 1 (per J-STD-020C)

UL File No.: E68080

2 mm and 2 mm x 2 mm Straight, Surface Mount



TS-2157-F

Sheet 2 of 2

Board Location Features: 3 = 1 Row / Pin 1 Left 2 = 2 Row / none 5 = 2 Row / with Loc. Posts

(8-14 Contacts)

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